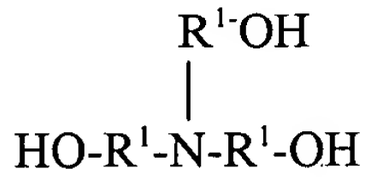
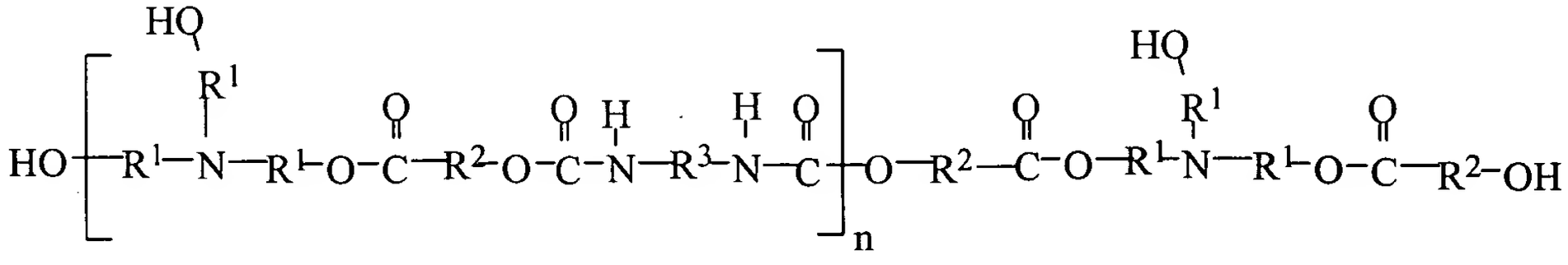
1. (Presently amended) A composition for use ~~in personal care~~ as a chemical additive to a cosmetic or toiletry ~~products~~ formulation produced by the method of:

a. producing a trialkanolamine fatty acid ester comprising reacting a trialkanolamine according to the general structure:



where R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group, with a C_2 to C_{25} acid optionally having at least one free hydroxyl group or a triglyceride comprising C_{10} to C_{25} fatty acids optionally having at least one free hydroxyl group under conditions effective to produce a trialkanolamine mono-, di- or trifatty acid ester and then reacting said trialkanolamine fatty acid ester with a C_1 to C_{24} diisocyanate to produce a polyurethane trialkanolamine fatty acid ester.

2. (Presently amended) The composition according to claim 1 having the chemical formula I:



Formula I

wherein R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group;

~~but is preferably unsubstituted~~;

R^2 is a C_1 to C_{24} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon

group wherein said hydrocarbon group may be a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or a substituted alkylphenyl or alkylbenzyl group;

R^3 is a C_1 through C_{22} linear, cyclic or branch-chained saturated or unsaturated hydrocarbon group which is substituted or unsubstituted, an aromatic group, including a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or substituted alkylphenyl or alkylbenzyl group; and

n is an integer from 2 to 5,000.

3. (Original) The composition according to claim 1 wherein said trialkanolamine is triethanolamine

4. (Presently amended) The composition according to claim 1 wherein said ~~fatty~~ acid is selected from the group consisting of caproic, caprylic, capric, lauric, myristic, palmitic, stearic, arachadonic acid, linoleic, oleic, linoleic, linolenic, 2-ethylhexoic, isooctanoic, pelargonic, heptanoic, undecanoic, isoluric, isomyristic, isopalmitic, isostearic, coconut fatty acids, palm kernal fatty acids, soybean fatty acids, safflower fatty acids, castor oil fatty acids, lactic acid, glycolic acid, glycolic acid, alpha hydroxy butyric acid, alpha hydroxy pentanoic acid, alpha hydroxy hexanoic acid, alpha hydroxy heptanoic acid, alpha hydroxy octanoic acid, alpha hydroxy nonanoic acid, alpha hydroxy decanoic acid, alpha hydroxy dodecanoic acid, salicylic acid, ricinoleic acid, 12-hydroxystearic acid, erucic acid, oleic acid, behenic acid and mixtures, thereof.

5. (Currently amended) The composition according to claim 1 wherein said ~~fatty~~ acid is selected from the group consisting of ricinoleic acid, oleic acid, erucic acid, lactic acid, salicylic

acid and mixtures, thereof.

6. (Original) The composition according to claim 1 which is further quaternized with a quaternizing agent.

7. (Original) The composition according to claim 1 wherein said diisocyanate is selected from the group consisting of isophoronediisocyanate, m-phenylene-diisocyanate, p-phenylenediisocyanate, 4,4-butyl-m-phenylene-diisocyanate, 4-methoxy-m-phenylenediisocyanate, 4-phenoxy-m-phenylenediisocyanate, 4-chloro-m-phenyldiisocyanate, toluenediisocyanate, m-xylylenediisocyanate, p-xylylenediisocyanate, 1,4-napthalenediisocyanate, cumene-1,4-diisocyanate, durene-diisocyanate, 1,5-napthylenediisocyanate, 1,8-napthylenediisocyanate, 1,5-tetrahydronaphthylenediisocyanate, 2,6-naphthylenediisocyanate, 1,5-tetrahydronaphthylenediisocyanate; p,p-diphylenediisocyanate; 2,4-diphenylhexane-1,6-diisocyanate; methylenediisocyanate; ethylenediisocyanate; trimethylenediisocyanate, tetramethylenediisocyanate, pentamethylenediisocyanate, hexamethylenediisocyanate, nonamethylenediisocyanate, decamethylene-diisocyanate, 3-chloro-trimethylenediisocyanate and 2,3-dimethyltetramethylenediisocyanate and mixtures thereof.

8. (Original) The composition according to claim 1 wherein said diisocyanate is isophorone diisocyanate.

9. (Original) The composition according to claim 3 wherein said diisocyanate is isophorone diisocyanate.

10. (Original) The composition according to claim 4 wherein said diisocyanate is isophorone diisocyanate.

11. (Original) The composition according to claim 6 wherein said diisocyanate is isophorone diisocyanate.

12. (Original) The composition according to claim 6 wherein said quaternizing agent is selected from the group consisting of dimethyl sulfate, diethyl sulfate, methyl bromide, benzyl chloride, ethyl benzyl chloride, methyl benzyl chloride, dichloroethyl ether, epichlorohydrin, ethylene chlorohydrin, methyl chloride, pyridinium chloride and allyl chloride.

13. (Previously presented) The composition according to claim 1 wherein said triglyceride is selected from the group consisting of castor oil, coconut oil, palm kernel oil, soybean oil, safflower oil and rape seed oil.

14. (Presently amended) A polymeric composition for use ~~in personal care~~ as a chemical additive to cosmetic or toiletry products produced by the process of:

a. reacting a trialkanolamine according to the general structure:

$$\begin{array}{c} R^1\text{-}OH \\ | \\ HO\text{-}R^1\text{-}N\text{-}R^1\text{-}OH \end{array}$$

where R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group, with a C_2 to C_{25} acid optionally having at least one free hydroxyl group or a triglyceride comprising C_{10} to C_{25} fatty acids optionally having at least one free hydroxyl group under conditions effective to produce a trialkanolamine mono-, di- or trifatty acid ester;

b. reacting said trialkanolamine fatty acid ester according to step a with a C_1 to C_{24} diisocyanate under conditions effective to cause polymerization of said ester with said diisiocyanate to produce a polyurethane trialkanolamine fatty acid ester; and

c. reacting said polyurethane trialkanolamine fatty acid ester according to step b with a

quaternizing agent to produce a polyurethane trialkanolamine fatty acid ester quat.

15. (Original) The composition according to claim 14 wherein said trialkanolamine is triethanolamine

16. (Presently amended) The composition according to claim 14 wherein said ~~fatty~~ acid is selected from the group consisting of caproic, caprylic, capric, lauric, myristic, palmitic, stearic, aracidonic acid, linoleic, oleic, linoleic, linolenic, 2-ethylhexoic, isooctanoic, pelargonic, heptanoic, undecanoic, isoluric, isomyristic, isopalmitic, isostearic, coconut fatty acids, palm kernal fatty acids, soybean fatty acids, safflower fatty acids, castor oil fatty acids, lactic acid, glycolic acid, glycolic acid, alpha hydroxy butyric acid, alpha hydroxy pentanoic acid, alpha hydroxy hexanoic acid, alpha hydroxy heptanoic acid, alpha hydroxy octanoic acid, alpha hydroxy nonanoic acid, alpha hydroxy decanoic acid, alpha hydroxy dodecanoic acid, salicylic acid, ricinoleic acid, 12-hydroxystearic acid, erucic acid, oleic acid, behenic acid and mixtures, thereof.

17. (Presently amended) The composition according to claim 14 wherein said ~~fatty~~ acid is selected from the group consisting of ricinoleic acid, oleic acid, erucic acid lactic acid, salicylic acid and mixtures, thereof.

18. (Original) The composition according to claim 14 wherein said diisocyanate is selected from the group consisting of isophoronediisocyanate, m-phenylene-diisocyanate, p-phenylenediisocyanate, 4,4-butyl-m-phenylene-diisocyanate, 4-methoxy-m-phenylenediisocyanate, 4-phenoxy-m-phenylenediisocyanate, 4-chloro-m-phenyldiisocyanate, toluenediisocyanate, m-xylylenediisocyanate, p-xylylenediisocyanate, 1,4-napthalenediisocyanate, cumene-1,4-diisocyanate, durene-diisocyanate, 1,5-napthylenediisocyanate, 1,8-napthylenediisocyanate, 1,5-tetrahydronaphthylenediisocyanate, 2,6-

naphthylenediisocyanate, 1,5-tetrahydronaphthylenediisocyanate; p,p-diphylenediisocyanate; 2,4-diphenylhexane-1,6-diisocyanate; methylenediisocyanate; ethylenediisocyanate; trimethylenediisocyanate, tetramethylenediisocyanate, pentamethylenediisocyanate, hexamethylenediisocyanate, nonamethylenediisocyanate, decamethylene-diisocyanate, 3-chloro-trimethylenediisocyanate and 2,3-dimethyltetramethylenediisocyanate and mixtures thereof.

19. (Original) The composition according to claim 14 wherein said diisocyanate is isophorone diisocyanate.

20. (Original) The composition according to claim 15 wherein said diisocyanate is isophorone diisocyanate.

21. (Original) The composition according to claim 16 wherein said diisocyanate is isophorone diisocyanate.

22. (Original) The composition according to claim 17 wherein said diisocyanate is isophorone diisocyanate.

23. (Original) The composition according to claim 14 wherein said quaternizing agent is selected from the group consisting of dimethyl sulfate, diethyl sulfate, methyl bromide, benzyl chloride, ethyl benzyl chloride, methyl benzyl chloride, dichloroethyl ether, epichlorohydrin, ethylene chlorohydrin, methyl chloride, pyridinium chloride and allyl chloride.

24. (Original) The composition according to claim 15 wherein said quaternizing agent is selected from the group consisting of dimethyl sulfate, diethyl sulfate, methyl bromide, benzyl chloride, ethyl benzyl chloride, methyl benzyl chloride, dichloroethyl ether, epichlorohydrin, ethylene chlorohydrin, methyl chloride, pyridinium chloride and allyl chloride.

25. (Original) The composition according to claim 16 wherein said quaternizing agent is selected from the group consisting of dimethyl sulfate, diethyl sulfate, methyl bromide, benzyl chloride, ethyl benzyl chloride, methyl benzyl chloride, dichloroethyl ether, epichlorohydrin, ethylene chlorohydrin, methyl chloride, pyridinium chloride and allyl chloride.

26. (Original) The composition according to claim 17 wherein said quaternizing agent is selected from the group consisting of dimethyl sulfate, diethyl sulfate, methyl bromide, benzyl chloride, ethyl benzyl chloride, methyl benzyl chloride, dichloroethyl ether, epichlorohydrin, ethylene chlorohydrin, methyl chloride, pyridinium chloride and allyl chloride.

27. (Original) The composition according to claim 18 wherein said quaternizing agent is selected from the group consisting of dimethyl sulfate, diethyl sulfate, methyl bromide, benzyl chloride, ethyl benzyl chloride, methyl benzyl chloride, dichloroethyl ether, epichlorohydrin, ethylene chlorohydrin, methyl chloride, pyridinium chloride and allyl chloride.

28. (Original) The composition according to claim 14 wherein said triglyceride is selected from the group consisting of castor oil, coconut oil, palm kernel oil, soybean oil, safflower oil and rape seed oil.

29. Cancelled.

30. (Previously presented) The composition according to claim 57 wherein R^1 is an unsubstituted hydrocarbon group.

31. (Previously presented) The composition according to claim 57 wherein R^2 is a C_9 to C_{24} hydrocarbon group.

32. (Previously presented) The composition according to claim 57 wherein R^3 is a C_6 to C_{12} hydrocarbon group.

33. (Original) The composition according to claim 30 wherein R^3 is an isophorone group.

34. (Currently amended) The composition according to claim 28 wherein ~~R^3 is an isophorone group~~ said diisocyanate is isophorone diisocyanate.

35 (Original) The composition according to claim 31 wherein R^3 is an isophorone group.

36. (Original) The composition according to claim 32 wherein R^3 is an isophorone group.

37. Cancelled.

38. (Previously presented) The composition according to claim 58 wherein R^4 is selected from the group consisting of methyl, ethyl, propyl, benzyl, phenyl, alkyl benzyl, ethyl, propyl, benzyl, phenyl, alkyl benzyl, allyl methyl and allyl.

39. (Previously presented) The composition according to claim 58 wherein R^5 is selected from the group consisting of anionic chloride, bromide, iodide, fluoride, carboxylate, mono- or dianionic sulfate and mono-, di- and tri-anionic phosphate.

40. (Original) The composition according to claim 38 wherein R^5 is selected from the group consisting of anionic chloride, methyl sulfate and ethyl sulfate.

41. (Previously presented) The composition according to claim 58 wherein R^1 is an unsubstituted hydrocarbon group.

42. (Previously presented) The composition according to claim 58 wherein R^2 is a C_9 to C_{24} hydrocarbon group.

43. (Previously presented) The composition according to claim 58 wherein R^3 is a C_6 to C_{12} hydrocarbon group.

44. (Previously presented) The composition according to claim 58 wherein R^3 is an isophorone group.

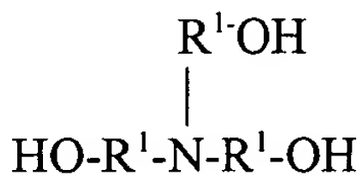
45. (Original) The composition according to claim 38 wherein R^3 is an isophorone group.

46. (Original) The composition according to claim 39 wherein R^3 is an isophorone group.

47. (Original) The composition according to claim 40 wherein R^3 is an isophorone group.

48. (Presently amended) A method of making a polyurethane composition for use ~~in personal~~ as a chemical additive to cosmetic or toiletry formulations ~~products~~ comprising:

a. reacting a trialkanolamine according to the general structure:



wherein R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group, with a C_2 to C_{25} acid optionally having at least one free hydroxyl group or a triglyceride comprising C_{10} to C_{25} fatty acids optionally having at least one free hydroxyl group

under conditions effective to produce a trialkanolamine mono-, di- or trifatty acid ester;

b. reacting said trialkanolamine fatty acid ester according to step a with a C_1 to C_{24} diisocyanate under conditions effective to cause polymerization of said ester with said diisiocyanate to produce a polyurethane trialkanolamine fatty acid ester; and

c. reacting said polyurethane trialkanolamine fatty acid ester according to step b with a quaternizing agent to produce a polyurethane trialkanolamine fatty acid ester quat.

49. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 1.

50. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 3.

51. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 14.

52. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 15.

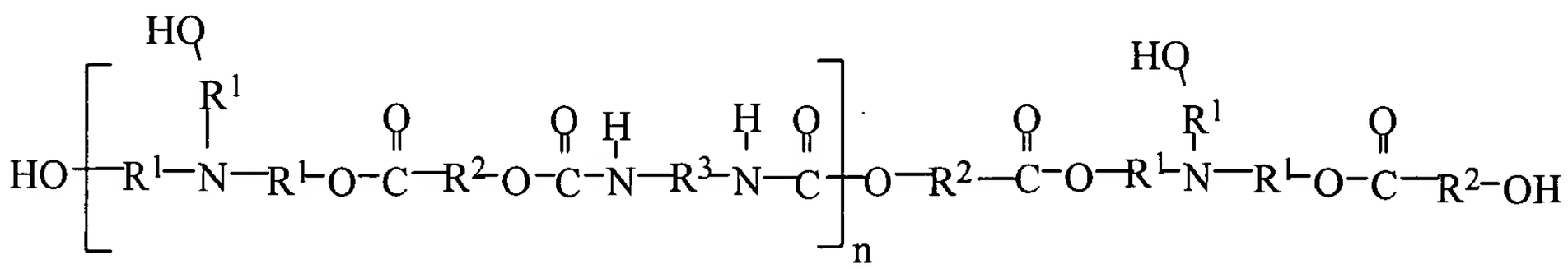
53. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 16.

54. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 17.

55. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 18.

56. (Presently amended) A ~~personal care product~~ cosmetic or toiletry formulation to be used in contact with the skin, hair or nails said ~~personal care product~~ formulation comprising a mixture of effective amounts of components selected from the group consisting of water, solvents, emollients, humectants, emulsifiers, surfactants, thickeners, coloring agents, preservatives and fragrances, said composition further comprising an effective amount of at least one ~~compound~~ composition according to claim 19.

57. (Previously presented) A composition having the chemical formula I:



Formula I

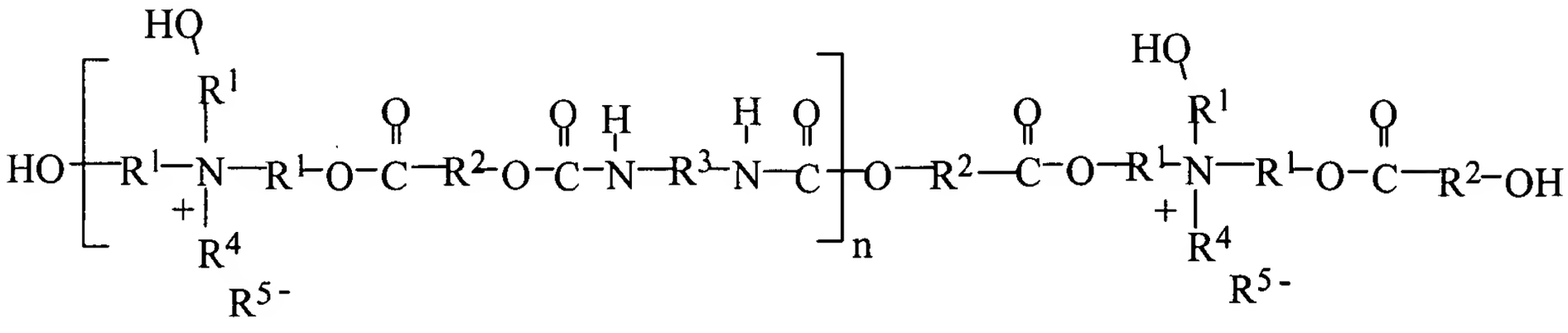
wherein R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group;

R^2 is a C_1 to C_{24} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group wherein said hydrocarbon group may be a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or a substituted alkylphenyl or alkylbenzyl group;

R^3 is a C_2 through C_{22} linear, cyclic or branch-chained saturated or unsaturated hydrocarbon group which is substituted or unsubstituted, an aromatic group, including a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or substituted alkylphenyl or alkylbenzyl group; and

n is an integer from 2 to 5,000.

58. (Previously presented) A composition having the chemical formula II:



Formula II

wherein R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group,

R^2 is a C_1 to C_{24} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group wherein said hydrocarbon group may be a phenyl or benzyl group or a substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or a substituted alkylphenyl or alkylbenzyl group;

R^3 is a C_1-C_{24} linear, cyclic or branch-chained saturated or unsaturated hydrocarbon group which is substituted or unsubstituted, an aromatic group, including a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or substituted alkylphenyl or alkylbenzyl group;

R^4 is a groupformed by reacting the amine group to which R^4 is attached with a quaternizing agent to form a quaternary amine group;

R^5 is a counterion to the quaternary amine group; and

n is an integer from about 2 to 5,000.